

# Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2020-04-15

## Section 1 - Product and Company Information

**Product Name:** Insta-Weld Activator

**Product Part Number(s):** 2303-4,

**Recommended Use:** Instant adhesive.

**COMPANY IDENTIFICATION:**

Polyvance  
1128 Kirk Rd.  
Rainsville, AL 35986

**Information email:** info@polyvance.com

**EMERGENCY TELEPHONE NUMBER:**

**24 Hour Emergency contact:** Chemtrec: 1-800-424-9300  
Outside US: 703-527-3887

**Customer Information Number:** 256-638-4103 (7AM - 4PM (CST) M-F)

## Section 2 - Hazards Identification

**Appearance:** Clear Liquid

**Odor:** Acetone

**Hazard Statement:**

WARNING! Highly flammable liquid and vapor. May be harmful if swallowed. May be harmful in contact with skin. Causes eye irritation.

**Signal Word:** WARNING!

**Signal Word Hazard:** Highly flammable liquid and vapor

| GHS Physical Hazard Pictogram  | GHS Health Hazard Pictogram(s)  | GHS Environmental Hazard Pictogram   |
|--|---|--|
| <br>Flammable | <br>Irritant | <br>Health Hazard |
|  |   | Not Applicable   |

### GHS Hazards Statement Codes for This Product

| Statement Type | Statement Code | Statement Text                      |
|----------------|----------------|-------------------------------------|
| Health         | H303           | May be harmful if swallowed         |
| Health         | H313           | May be harmful in contact with skin |
| Health         | H320           | Causes eye irritation               |
| Physical       | H225           | Highly flammable liquid and vapor   |

**Precautionary Statement:**

Keep out of reach of children. Read label before use. Do not get in eyes, on skin, or on clothing.

### GHS Precautionary Statement Codes for This Product

| Statement Type | Statement Code | Statement Text                |
|----------------|----------------|-------------------------------|
| General        | P102           | Keep out of reach of children |
| General        | P103           | Read label before use         |

**Potential Health Effects**

|                         |  |
|-------------------------|--|
| <b>Eye Contact:</b>     | Irritation on contact  |
| <b>Skin Contact:</b>    | Prolonged exposure may cause skin irritation.                              |
| <b>Skin Absorption:</b> | Irritation (Est. Dermal LD50 > 2000Mg./Kg)                                 |
| <b>Inhalation:</b>      | May cause nausea, headache, dizziness and irritation of respiratory tract. |
| <b>Ingestion:</b>       | If significant quantity ingested, may dull senses (Oral LD50 > 5000)       |

**Section 3 - Composition / Information on Ingredients**

| Component                | CAS #    | ENIECS | REACH Reg. No. | Amount |
|--------------------------|----------|--------|----------------|--------|
| Heptane                  | 142-82-5 |        |                | >69%   |
| Acetone                  | 67-64-1  |        |                | <30%   |
| N,N-Dimethyl-p-toluidine | 99-97-8  |        |                | <1%    |

**Section 4 - First Aid Measures**

|   |  |
|---|--|
| <b>Eye Contact:</b>                               | Immediately flush with plenty of water for 15 minutes. Get medical attention if irritation occurs. |
| <b>Skin Contact:</b>                              | Flush with plenty of soap and water for 15 minutes.  |
| <b>Inhalation:</b>                                | Remove to fresh air immediately.   |
| <b>Ingestion:</b>                                 | Do not induce vomiting. Seek medical attention.  |
| <b>Medical Conditions Aggravated by Exposure:</b> | Bronchitis, CNS disorders, allergies, nausea.  |

**Section 5 - Firefighting Measures**

|   |  |
|---|--|
| <b>Extinguishing Media:</b>               | CO2, Foam, Dry chemical  |
| <b>Unusual Fire or Explosion Hazards:</b> | Direct water jet will spread burning material. Water should not be used except as a fog to keep nearby containers cool. Combustion products are very toxic & highly irritating. Vapors form an explosive mixture in air. |
| <b>Fire Fighting Procedures:</b>          | Firefighters should wear self contained breathing gear and protective clothing.  |

**Section 6 - Accidental Release Measures**

|                                 |  |
|---------------------------------|--|
| <b>Methods For Clean Up:</b>    | Permit only properly protected workers with skin and eye protection and breathing gear. Absorb small spills with absorbent material, or let evaporate in well ventilated area. Pump large spills into salvage tanks. |
| <b>Methods for Containment:</b> | Landfill or incinerate in accordance with EPA and local regulations.   |

**Section 7 - Handling and Storage**

|                                    |  |
|------------------------------------|--|
| <b>General Handling Practices:</b> | Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid spontaneous combustion of contaminated rags or other ignitable material. Keep out of reach of children. |
|------------------------------------|--|

**Storage Requirements:** Keep containers closed when not in use. Keep away from open flames and excessive heat.

## Section 8 - Precautions to Control Exposure / Personal Protection

| Component | Source  | Type    | Value     | Remarks |
|-----------|---------|---------|-----------|---------|
| Acetone   | NIOSH   | 10H TWA | 590 mg/m3 |         |
| Acetone   | DFG MAK |         | 1000 ppm  |         |
| Acetone   | ACGIH   | TLV     | 750 ppm   | STEL    |
| Acetone   | ACGIH   | TLV     | 500 ppm   | TWA     |
| Acetone   | OSHA    | PEL     | 1000 ppm  | TWA     |
| Heptane   | ACGIH   | TLV     | 500 ppm   | STEL    |
| Heptane   | ACGIH   | TLV     | 400 ppm   | TWA     |
| Heptane   | OSHA    | PEL     | 500 ppm   | TWA     |

### Personal Protective Equipment (PPE):

**Eye / Face Protection:** Safety glasses with eye shields.

**Skin Protection:** Resistant plastic or rubber.

**Respiratory Protection:** Above TLV. NIOSH/MESSA approved respirator.

**Hygienic Measures:** Wash hands before eating, smoking, or using the wash washroom.

**Other Protection Measures:** Protective plastic or rubber apron.

**Engineering Controls:** Local exhaust recommended.

**HMIS Personal Protection:** G



## Section 9 - Physical and Chemical Properties

**Appearance:** Water thin, very low viscosity. Sharp chemical odor

**Color:** Clear

**Odor Threshold:** Not determined

**pH:** Not determined

**Melting Point:** Not available

**Freezing Point:** Not available  
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**Boiling Range:** Not available

**Flash Point:** 30F

**Evaporation Rate:** Not available

**Flammability:** Highly flammable

**Upper Flammability Limit:** 7

**Lower Flammability Limit:** 1.1

**Vapor Pressure:** Not available

**Vapor Density:** Heavier than air

**Specific Gravity:** 0.684 @77F

**Solubility in Water:** Not Soluble

**Partition Coefficient:** Not available  
**Autoignition Temperature:** Not available  
**Decomposition Temperature:** Not available  
**Viscosity:** Not available  
**Volitile Organic Compounds (VOC's):** 707 g/L

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## Section 10 - Stability and Reactivity

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**Chemical Stability:** Stable  
**Conditions to Avoid:** Excessive heat, poor ventilation, open flames, sources of ignition.  
**Incompatible Materials:** Strong oxidizers, acids & bases. May react violently with aluminum on prolonged contact.  
**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide.  
**Hazardous Polymerization:** Will Not Occur

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## Section 11 - Toxicological Information

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**Ingestion Toxicity:** Not determined  
**SkinAbsorption:** Not determined  
**Inhalation:** Not determined  
**Sensitization:** Not determined  
**Acute Dose:** Not determined  
**Repeated Dose:** Not determined  
**Carcinogenicity:** Not determined  
**Corrosivity:** Not determined  
**Neurological:** Not determined  
**Reproductive:** Not determined  
**Genetic:** Not determined  
**Developmental:** Not determined  
**Eye Irritation:** Not determined  
**Skin Irritation:** Not determined  
**Target Organs:** Not determined

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## Section 12 - Ecological Information

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**EcoToxicity:** Not determined  
**PersistenceDegrability:** Not determined  
**Bioaccumulation:** Not determined  
**Mobility / Partitioning:** Not determined

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## Section 13 - Disposal Considerations

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**Disposal Method:** Landfill or incinerate in accordance with EPA and local regulations.  
**ContainerDisposal:** Disposal must be made according to official regulations.

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## Section 14 - Transport Information

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## DOT

**Proper Shipping Name:** Flammable Liquid, n.o.s. (acetone, heptane, toluidine)

**Hazard Class:** 3

**Identification Number:** UN1993

**Packing Group:** II

## IMDG (Maritime transport)

## IATA (Air transport)

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## Section 15 - Regulatory Information

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Superfund Amendments and Reauthorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986)  
Sections 311 and 312

Immediate (Acute) Health Hazard: Not available

Delayed (Chronic) Health Hazard: Not available

Fire Hazard: Not available

Reactive Hazard: Not available

Sudden Release of Pressure: Not available

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**The following lists hazardous components and the regulatory lists for which they are required to be reported.**

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**Component:** Acetone

**CAS:** 67-64-1

**Amount:** <30%

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**Component:** Heptane

**CAS:** 142-82-5

**Amount:** >69%

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**Component:** N,N-Dimethyl-p-toluidine

**CAS:** 99-97-8

**Amount:** <1%

N,N-Dimethyl-p-toluidine is listed with the Illinois toxic substances disclosure to employee act.

N,N-Dimethyl-p-toluidine is listed with Massachusetts Right to Know.

N,N-Dimethyl-p-toluidine is listed with Pennsylvania Right to Know.

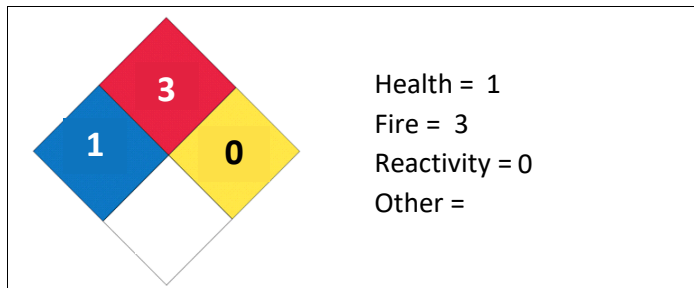
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### HMIS Rating (0 - 4)

|                            |          |                         |
|----------------------------|----------|-------------------------|
| <b>HEALTH</b>              | <b>1</b> | Health = 1              |
| <b>FIRE</b>                | <b>3</b> | Fire = 3                |
| <b>PHYSICAL</b>            | <b>1</b> | Physical = 1            |
| <b>PERSONAL PROTECTION</b> | <b>G</b> | Personal Protection = G |

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### NFPA Ratings



## Section 16 - Other Information

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### Legend

|       |   |
|-------|---|
| ACGIH | American Conference of Governmental Hygienists        |
| CFR   | Code of Federal Regulations                           |
| DFG   | Deutsche Forschungsgemeinschaft                       |
| HMIS  | Hazardous Materials Identification System             |
| IARC  | International Agency for Research on Cancer           |
| MAK   | Maximum Allowable Concentration (German)              |
| NFPA  | National Fire Protection Association                  |
| NIOSH | National Institute for Occupational Safety and Health |
| OEL   | Occupational Exposure Limit                           |
| RCRA  | Resource Conservation and Recovery Act                |
| STEL  | Short Term Exposure Limit                             |
| TLV   | Threshold Limit Value                                 |
| TWA   | Time Weighted Average                                 |

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## **DISCLAIMER**

This Safety Data Sheet (SDS) is prepared in compliance with GHS Hazcom 2012. The information may be based in part on information provided by component suppliers and is believed to be correct as of the date hereof. However, no warranty or merchantability, fitness for any use, or any other warranty is expressed or is to be implied regarding the accuracy of this data, the results to be obtained from the use of the material, or the hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we assume no responsibility for the result of its use. This information and material is furnished on the condition that the person receiving it shall make his/her own determination as to the suitability of the material for his/her particular purpose and on the condition that he/she assume the risk of his/her use thereof.